

Appendix C

Form NRH-6

STATE OF NEBRASKA
DEPARTMENT OF HEALTH AND HUMAN SERVICES REGULATION AND LICENSURE
PUBLIC HEALTH ASSURANCE DIVISION
RADIOACTIVE MATERIALS PROGRAM

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RADIOACTIVE MATERIAL LICENSE

Pursuant to the Radiation Control Act, 1963, and Title 180, Regulations for the Control of Radiation, Chapter 3 and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders now or hereafter in effect of the Nebraska Department of Health and Human Services Regulation and Licensure and to any conditions specified below.

1. Licensee ABC, Inc.	3.
License Number 00-00-00	
2. Address 11 South 256th Street	4. Amendment Number 2
Anytown, NE 68130	License Amended In Its Entirety To Read As Follows:
	5. Expiration Date May 31, xxxx

6. Radioactive Material	7. Chemical And/Or Physical Form	8. Maximum Quantity Licensee May Possess At Any One Time Under This License	9. Authorized Use
A. Cesium-137	Sealed source (CPN Company Model CPN-131)	10 millicuries per source	To be used in a Boart Longyear company CPN Products Portaprobe Model MC Series or Model 500 Series Portable Moisture Density Gauge to measure density of construction material.
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B. Americium-241:Beryllium	Sealed source (CPN Company Model CPN-131)	50 millicuries per source	To be used in a Boart Longyear company CPN Products Portaprobe Model MC Series or Model 500 Series Portable Moisture Density Gauge to measure moisture content of construction material.
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C. Cesium-137	Sealed source (Amersham Corporation Model CDCW556 or Isotope Products Model HEG-0058)	9 millicuries per source	To be used in a Troxler Electronics Labs, Inc. Model 3400 Series Portable Moisture Density Gauge for measuring density of construction material.
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D. Americium-241: Beryllium	Sealed source (Amersham Corporation Model AMNV.97 or Isotope Products Models 3021 or 3027)	44 millicuries per source	To be used in a Troxler Electronics Labs, Inc. Model 3400 Series Portable Moisture Density Gauge for measuring moisture content of construction material.
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E. Americium-241: Beryllium	Sealed source (CPN Company Model CPN-131)	100 millicuries per source	To be used in a Boart Longyear company CPN Products Model AC-2 Hydrogenous Material Analyzer to measure moisture content of construction material.
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supplemental sheet**

F. Americium-241: Beryllium	Sealed source (Amersham Model AMN.V340	100 millicuries per source	To be used in a Troxler Electronics Labs, Inc. Model 3241-C Asphalt Content Gauge for measuring asphaltic tar content in paving material.
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G. Cesium-137 and Americium-241: Beryllium	Sealed source (CPN Company Model CPN-131)	10 millicuries and 50 millicuries per source	To be used in a Boart Longyear company CPN Products Model B(R) Series Portable Moisture Density Gauge to measure density and moisture content of construction material.
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H. Cobalt-57	Sealed source (Isotope Products Labs Model 3901 Series or 3814; or North American Scientific Model IND	15 millicuries per source	To be used in a Radiation Monitoring Devices, Inc. Model LPA-1 Portable X-ray Fluorescence Device to measure lead content in paint.

CONDITIONS

- 10.** Licensed Material shall only be used by, or under the supervision and in the physical presence of, individuals who have successfully completed a manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency procedures, and have been approved in writing by the Radiation Safety Officer.
- 11.** The Radiation Safety Officer for this license is Randy Smith, RSO.
- 12.** Licensed material shall be used only at the following locations:
 - A.** Licensed material shall be used at the licensee's facilities located at 11 South 256th Street, Omaha, Nebraska and 21 North 257th Street, Suite 1, Lincoln, Nebraska.
 - B.** Licensed material may be used at temporary job sites, in areas not under exclusive Federal jurisdiction, throughout the State of Nebraska.
- 13.** The licensee is authorized to transport licensed material only in accordance with the provisions of 180 NAC 13.
- 14.** Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.
- 15.** Notwithstanding the requirements of 180 NAC 1-011.02, item 6, no sealed source shall be stored for a period of more than 3 years without being tested for leakage or contamination.
- 16.** The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. The records of the inventories shall be maintained for six (6) years from the date of the inventory for inspections by the Agency and shall include the quantities and kinds of licensed material, location of the sealed sources and/or devices, and the date of inventory.

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17. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by inventory for inspection by the Agency and shall include the quantities and kinds of licensed material, location of the sealed sources and/or devices, and the date of the inventory. the licensee.
18. Except for maintaining labeling as required by 180 NAC 4 or 180 NAC 13, the licensee shall obtain authorization from the Agency before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the U.S. Nuclear Regulatory Commission or by an Agreement State.
19. Any cleaning, maintenance, or repair of the gauge(s) that requires removal of the source shall be performed by the device manufacturer, or by other persons specifically licensed by the Agency, an Agreement State, or the U.S. Nuclear Regulatory Commission to perform such services.
20. The licensee shall not use sealed sources or probes containing sealed sources at depths exceeding 3 feet below the surface.
21. The licensee shall maintain a utilization log where the gauges are stored. The log shall contain the date(s) of use, temporary job site(s), serial number of the gauge, and the name(s) of the authorized user(s).
22. In addition to the possession limits in Item 8., the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 180 NAC 3-018.04 for establishing financial assurance for decommissioning.
23. Except as specifically provided otherwise by this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. 180 NAC 1 shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application with attachments dated March 17, 20XX signed by Sam Jones.
- B. Letter with attachments dated April 26, 20XX signed by Sam Jones.

Date: September 15, 20XX

**FOR THE NEBRASKA DEPARTMENT OF HEALTH & HUMAN SERVICES
REGULATION AND LICENSURE**

xxxxx xxxxx Manager
Radioactive Materials Program